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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

are application of

: **Confirmation No. 3093**

Hiroshi IWAI et al.

: Docket No. 2004\_0335A

Serial No. 10/790,857

: Group Art Unit 3662

Filed March 3, 2004

: THE COMMISSIONER IS AUTHORIZED  
TO CHARGE ANY DEFICIENCY IN THE  
FEES FOR THIS PAPER TO DEPOSIT  
ACCOUNT NO. 23-0975

HUMAN PHANTOM APPARATUS, FINGER  
PHANTOM APPARATUS, AND APPARATUS  
FOR MEASURING CHARACTERISTIC OF  
ANTENNA USING THE SAME PHANTOM APPARATUS

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to the provisions of 37 CFR 1.56, 1.97 and 1.98, Applicants request consideration of the references listed on attached form PTO-1449 and any additional information identified below in paragraph 3. A legible copy of each reference listed on the Form PTO-1449 is enclosed, except a copy is not provided for:

- ☒ each U.S. Patent and U.S. Patent application publication (*for U.S. National applications filed after June 30, 2003 and International applications that have entered U.S. National Stage after June 30, 2003*),
- ☐ each reference previously cited in the international application PCT/\_\_\_\_\_; and/or
- ☐ each reference previously cited in prior parent application Serial No. \_\_\_\_\_.

1a. ☒ This Information Disclosure Statement is submitted:

within three months of the filing date (or of entry into the National Stage) of the above-entitled application, **or**

before the mailing of a first Office Action on the merits or the mailing of a first Office Action after the filing of an RCE,

**and thus no certification and/or fee is required.**

1b. ☐ This Information Disclosure Statement is submitted

after the events of above paragraph 1a and prior to the mailing date of a final Office Action or a Notice of Allowance or an action which otherwise closes prosecution in the application, and thus:

(1) ☐ the certification of paragraph 2 below is provided, **or**

(2) ☐ the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

1c. ☐ This Information Disclosure Statement is submitted:

after the mailing date of a final Office Action or Notice of Allowance or action which otherwise closes prosecution in the application, and prior to payment of the issue fee, and thus:

**the certification of paragraph 2 below is provided, and**

**the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.**

2. It is hereby certified

a. ☐ that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, **or**

b. ☐ that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of the Statement.

3. ☐ Consideration of the following list of additional information (including any copending or abandoned U.S. application, prior uses and/or sales, etc.) is requested.
4. For each non-English language reference listed on the attached form PTO-1449, reference is made to:
- a. ☒ a full or partial English language translation (**reference AL**) submitted herewith,
  - b. ☐ a foreign patent office search report (in the English language) submitted herewith,
  - c. ☒ the concise explanation (**references AJ & AL**) contained in the specification of the present application at pages 2-3,
  - d. ☒ the concise explanation set forth in the attached English language abstracts,
  - e. ☒ the concise explanation set forth below or on a separate sheet attached to the reference:

**JP 2000-82333 corresponds to EP 0970988;  
JP 2790103 corresponds to US 5,789,929.**

5. ☐ A foreign patent office search report citing one or more of the references is enclosed.
6. ☐ Statement Under 37 CFR 1.704(d)

Each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign Patent Office in a counterpart application, and this communication was not received by any individual designated in §1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.

Respectfully submitted,

Hiroshi IWAI et al.

By Michael S. Huppert

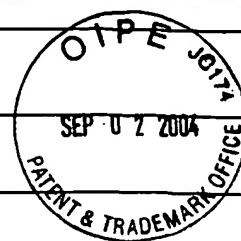
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September 2, 2004

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)  
(Use several sheets if necessary)

Date Submitted to PTO: September 2, 2004

ATTY DOCKET NO.  
2004\_0335ASERIAL NO.  
10/790,857APPLICANT  
Hiroshi IWAH et al.FILING DATE  
March 3, 2004GROUP  
3662

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,789,929	4/1998	Hankui			
	AB						
	AC						
	AD						
	AE						
	AF						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AG	2000-82333	3/2000	JP			Abstract
	AH	0 970 988	1/2000	EP			
	AI	2002-107396	1/2000	JP			Abstract
	AJ	2790103	6/1998	JP			

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

AK	N. Kuster et al., entitled " <u>Energy Absorption Mechanism</u> ", by Biological Bodies in the Near Field of Dipole Antennas Above 300 MHz, IEEE Transaction on Vehicular Technology, vol. 41, no. 1, pp. 17-23, February 1992.
AL	"Standard of Specific Absorption Rate Measurement Method of Portable Radio Terminal", issued by Association of Radio Industries and Business in Japan, ARIB STB-T56 Ver. 2.0, revised on January 24, 2002.
AM	Bernhard Rosenberger, entitled " <u>Miniature Dielectric-loaded Personal Telephone Antennas with Low SAR</u> ", Radio and Wireless Conference, 1998, Rawcon 98, IEEE Colorado Springs, Colorado, USA, August 9, 1998, pages 103-108.
AN	Yoshio Koyanagi et al., entitled " <u>Estimation of the Radiation and SAR Characteristics of the NHA at 150 MHz by Use of the Cylindroid Whole Body Phantom</u> ", IEEE Antennas and Propagation Society International Symposium, 2001, Digest, APS, Boston, Massachusetts, USA, July 8, 2001, New York, vol. 1 of 4, pages 78-81.

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of form with next communication to applicant.